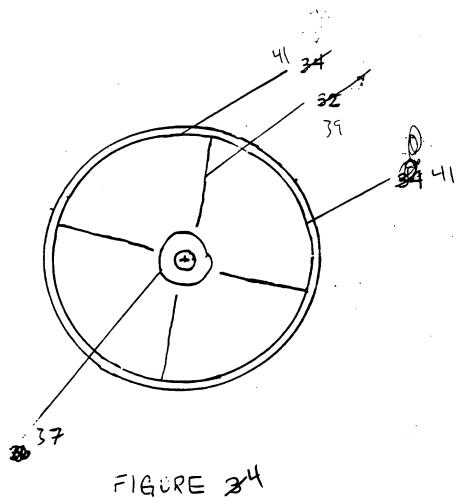
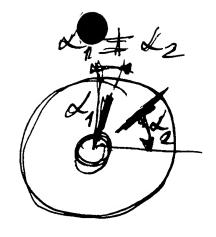


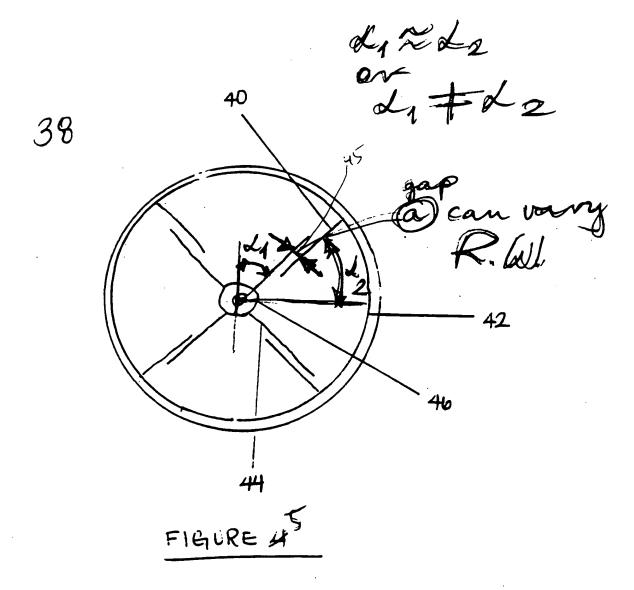


Section of the vessel with internal finned heat exchanger .36 Cavity 10°C 0 C Temperature along the fin X T 0 C Temperature across the cavity

X







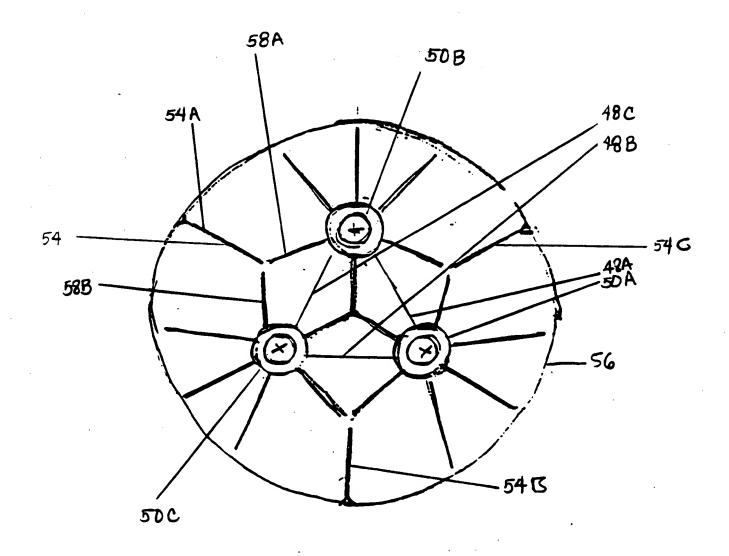
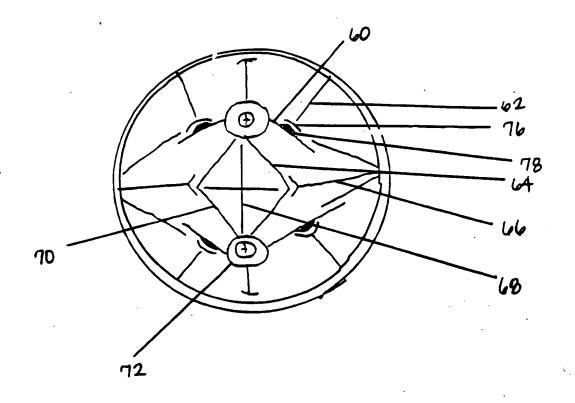
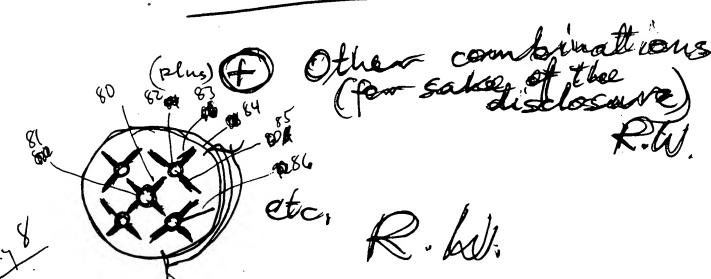


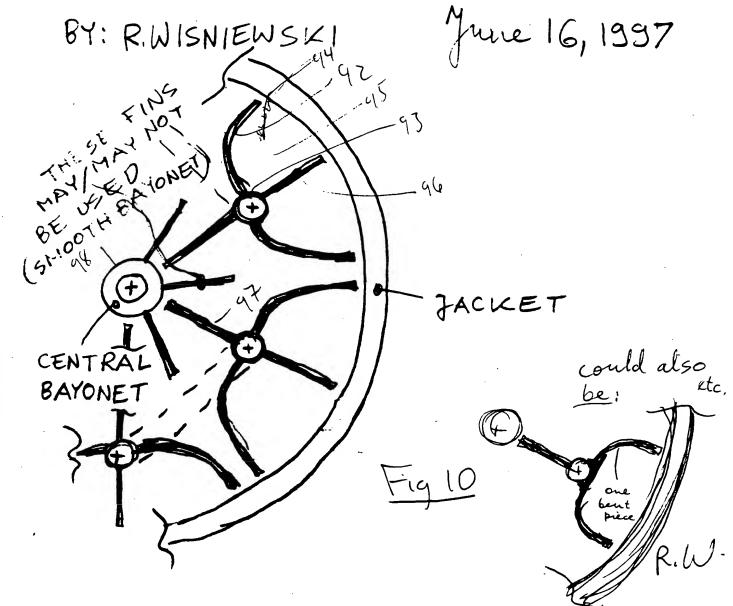
FIGURE 8



FIGURE

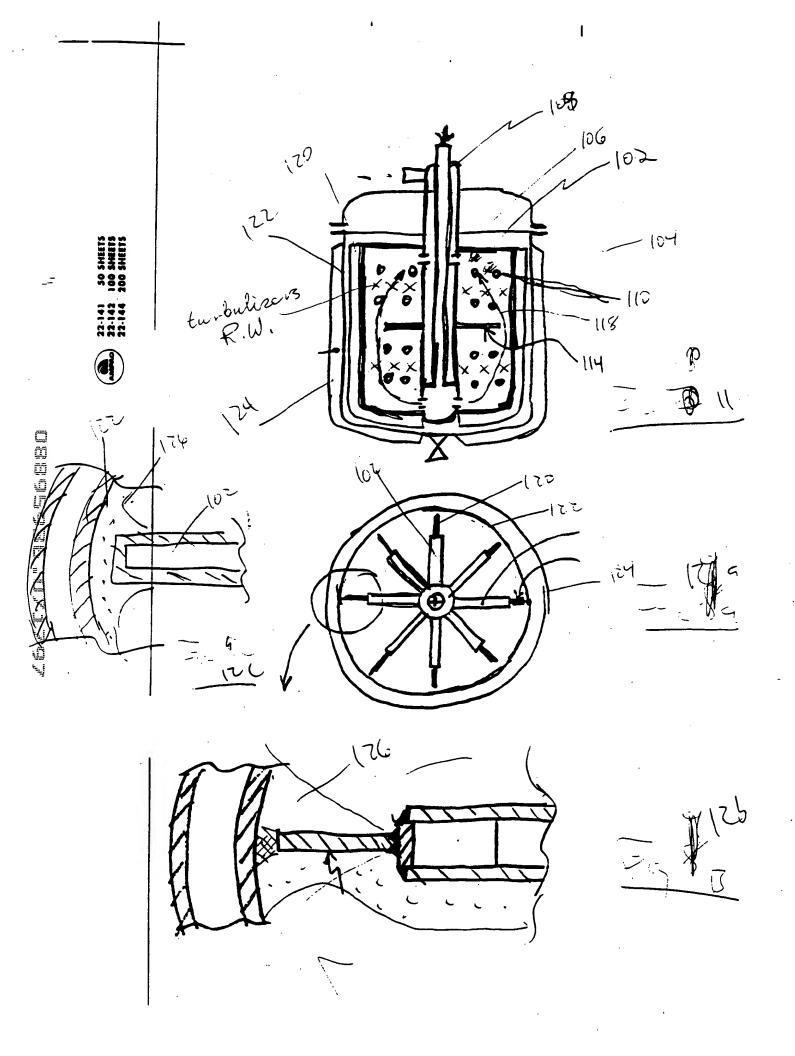


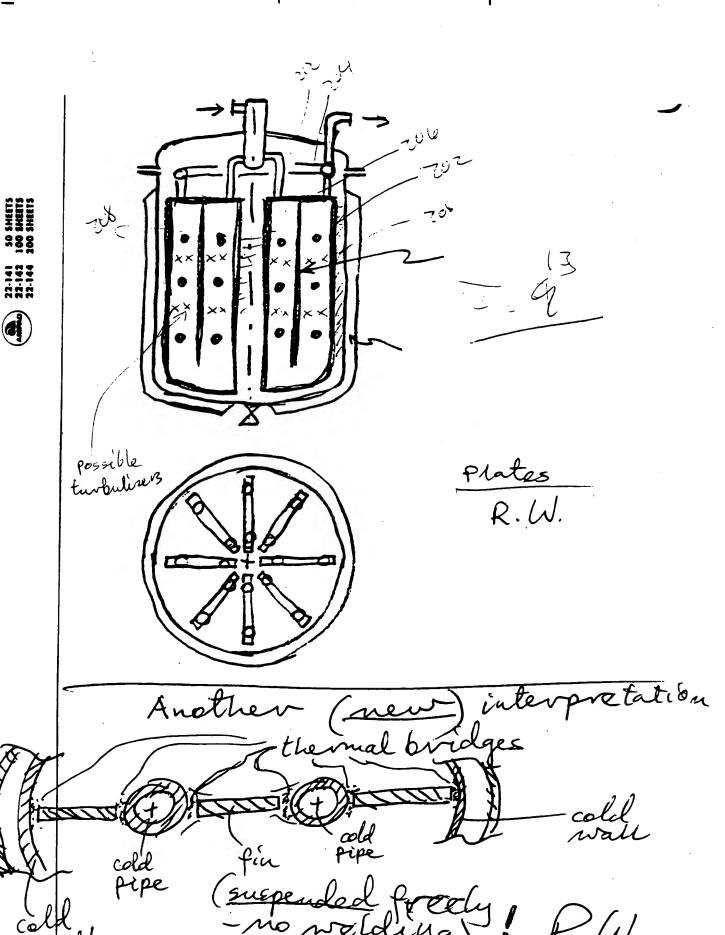
revel: Include in descriptions us with a change in thickness ith a change Attorney Docket No. 17882.702 essel with Hollow Fins and Baffles Inventor: Richard Wisneiwski Cooling Ciald of the Invention rofiled Casted inser



CONCEPT OF CREATING
COMPARTMENTS USING
BENT FINS.

Richard Wismewskii



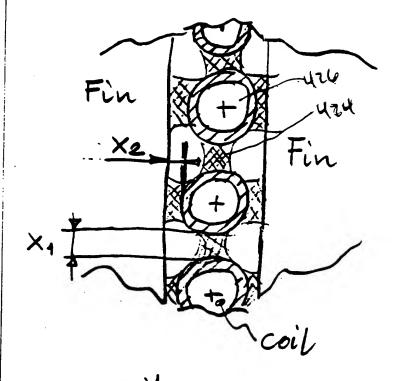


68 Fry 6

between pipes and 308 R.W. Ext. fins 3014 Do include other than round pipes (oval, etc. Vessel facket etc.

essel. 460 Bayonet 00000000000 0 O 0 0 00000 00 Jacket 0 412 400 Middle Coil 408 coilude Joz. _410 412 Jacket Fy 156 Fins (double R.W. bridging

 bridges



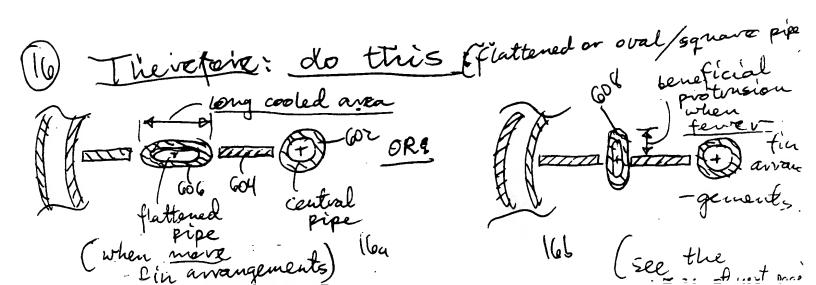
120

X1, X2 - apr

189

flattened/oval/squerie. also pipes

in spiraled pipes the fluid in staggered pattern staggered pattern fut round



Flattened/poval/square pipes: Advantage of such pipes 41/-0-0 - sion - better Compartment ization of space fewer many fin "longer" aveas directly cooled! finassemblies assemblies (Lysmall) Also - flattened oval/ggnave pipes with welded fins e.g. air --(or casted etc.)

flatte ned/oval/square (spiral/made of botton them = uniform Flattened/shaped distance (while pipes could be for round further expland (fewer for example: a combination: distance can be Smaller fing! pipes pipe - even bette Romboidal (diamend) freezing pattern Fin Fin Purpose - if centain Compartmentization be done in large vessels.